

QGIS Application - Bug report #9138

QgsGeometry.convertToMultiType() fails

2013-11-28 01:32 PM - Paolo Corti

|                                        |                   |                                     |
|----------------------------------------|-------------------|-------------------------------------|
| <b>Status:</b>                         | Closed            |                                     |
| <b>Priority:</b>                       | Normal            |                                     |
| <b>Assignee:</b>                       | Marco Hugentobler |                                     |
| <b>Category:</b>                       | Vectors           |                                     |
| <b>Affected QGIS version:</b>          | 2.0.1             | <b>Regression?:</b> No              |
| <b>Operating System:</b>               |                   | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch supplied:</b> | No                | <b>Resolution:</b>                  |
| <b>Crashes QGIS or corrupts data:</b>  | No                | <b>Copied to github as #:</b> 17773 |

Description

I have a strange behavior with the QgsGeometry.convertToMultiType() method here: it looks like the method is always failing the first time, but getting success the second time is run:

In [1]: from qgis.core import \*

In [2]: wkt = 'POLYGON(((2283519.55884151300415397  
4679066.13715541176497936,2283544.75336170010268688  
4679033.60118563380092382,2283525.45749358925968409  
4679011.69776777736842632,2283506.92586500011384487  
4679037.65943400003015995,2283487.47002476220950484  
4679065.54728745669126511,2283519.55884151300415397  
4679066.13715541176497936)))'

In [3]: polygon = QgsGeometry.fromWkt(wkt)

In [4]: polygon.convertToMultiType()

Out<sup>4</sup>: False

In [5]: print polygon.exportToWkt()

POLYGON(((2283519.55884151300415397  
4679066.13715541176497936,2283544.75336170010268688  
4679033.60118563380092382,2283525.45749358925968409  
4679011.69776777736842632,2283506.92586500011384487  
4679037.65943400003015995,2283487.47002476220950484  
4679065.54728745669126511,2283519.55884151300415397  
4679066.13715541176497936)))

In [6]: polygon.convertToMultiType()

Out<sup>6</sup>: True

In [7]: print polygon.exportToWkt()

MULTIPOLYGON((((2283519.55884151300415397  
4679066.13715541176497936,2283544.75336170010268688  
4679033.60118563380092382,2283525.45749358925968409  
4679011.69776777736842632,2283506.92586500011384487  
4679037.65943400003015995,2283487.47002476220950484  
4679065.54728745669126511,2283519.55884151300415397  
4679066.13715541176497936))))

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## Associated revisions

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**Revision 57d124b9 - 2013-11-29 08:50 AM - Denis Rouzaud**

fix #9138

**Revision 63c62adf - 2013-12-05 05:18 PM - Marco Hugentobler**

Merge pull request #1014 from 3nids/issue9138

fix #9138

## History

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**#1 - 2013-11-28 11:52 PM - Denis Rouzaud**

<https://github.com/qgis/QGIS/pull/1014>

**#2 - 2013-11-29 12:58 AM - Denis Rouzaud**

- *Target version set to Future Release - High Priority*
- *Assignee set to Marco Hugentobler*
- *Status changed from Open to In Progress*
- *Category set to Vectors*

**#3 - 2013-12-05 08:18 AM - Marco Hugentobler**

- *Status changed from In Progress to Closed*

Fixed in changeset commit:"63c62adf213a9f1b1ba9cc07d4d7ae904e392503".